



What is claimed is:

1. A lid for an electric juicing device, the lid comprising:
5 a polymeric cap in which is formed an opening;
the opening accommodating and having attached to it, a metal feed tube.
2. The lid of claim 1, wherein:
an interior of the feed tube has attached to it a metal knife.
- 10 3. The lid of claim 1, wherein:
the feed tube has a circumferential flange that is affixed to the cap.
4. The lid of claim 3, wherein:
15 a gasket is interposed between the flange and the cap.
5. The lid of claim 4, wherein:
the gasket further comprises a neck and a surrounding ring, the neck sealing
between the feed tube and a vertical rim of the cap.
- 20 6. The lid of claim 3, wherein:
fasteners extend through the flange into a retaining ring which is located
adjacent to an under side of the cap.
- 25 7. The lid of claim 6, wherein:
fasteners extend through the flange and the gasket and cap into a retaining
ring which is located adjacent to an under side of the cap.
8. The lid of claim 1, wherein:
30 the cap has an undersurface that forms a smooth and continuous surface that
extends from above a juice collection area to a pulp exit area of the cap.

9. The lid of claim 1, wherein:
the cap has a descending rim that cooperates with a juice stopping rim of a juice collector;
an angle between an outer surface of the descending rim and an inner surface
5 of the juice stopping rim creating a tapered gap that is most narrow at the bottom.
10. An electric juicing device having a housing, and a cap through which
passes a feed tube, the housing having within it a rotating grating disk and
10 juice collector located beneath the feed tube, the device comprising:
an exterior wall comprising a juice stopping rim that is inclined slightly from the vertical;
the juice stopping rim receiving within it, a descending rim of the cap.
- 15 11. The juicing device of claim 10, wherein:
a space between the juice stopping rim and the descending rim of the cap further defines a gap.
12. The juicing device of claim 11, wherein:
20 the gap is tapered.
13. The juicing device of claim 11, wherein:
a second gap is formed between a descending lip portion of the housing and a
sidewall of the juice collector, the second gap adapted to accommodate a pulp
25 collector so that the descending lip enters the pulp collector.
14. The juicing device of claim 13, wherein:
the pulp collector has a generally "D" shaped cross section,
the pulp collector conforming to an exterior surface of the housing.
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15. The juicing device of claim 11, wherein:
the gap is narrow at a bottom of the gap and wider at a top of the gap.
16. The juicing device of claim 11, wherein:

the upper extend of the gap is further defined by a horizontal rim formed in the cap.

17. The juicing device of claim 10, wherein:

5 an upper surface of the cap further comprises at least one cam surface and detent for receiving a locking bar.

18. The juicing device of claim 10, wherein:

the cap having an undersurface that forms a smooth and continuous surface
10 that extends from above a juice collection area to a pulp exit area of the cap.

19. The juicing device of claim 10, wherein:

the cap is polymeric and formed with an opening;

the opening accommodating and having attached to it, a metal feed tube.

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20. The juicing device of claim 19, wherein:

the feed tube has a circumferential flange that is affixed to the cap, there being a gasket is interposed between the flange and the cap.

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